



## Figure 1

## Interleukin-20

| 1   | د    |          |           |          | T      | CCA     | .GGC       | GGG      | CAG            | CAG       | CTG      | CAG      | GCT  | GAC | CTT      | GCA        | GCT      | TGG      | CGG  | AA.      | 45  |
|-----|------|----------|-----------|----------|--------|---------|------------|----------|----------------|-----------|----------|----------|------|-----|----------|------------|----------|----------|------|----------|-----|
| 1   |      |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      | <u>M</u> | 1   |
|     |      |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
| 4.5 |      |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            | •        |          |      |          |     |
|     | TGGA |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
| 2   | D_   | W        | Р_        | <u>H</u> | N_     |         | <u>. L</u> | F.       | L              | <u> L</u> | T        | Ι.       | _S_  | _I_ | F        | _ <u>L</u> | G        | Ĺ.       | _G   | Q        | 21  |
|     |      |          | 4         |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
| 106 | AGCC | റുറ      | ്.<br>വേവ | ~~~      | ר גייי | ממ      | יר אי      | CAC      | יר א <i>יי</i> |           | ~~~      | 200      |      | ~~~ | m~~      | ~~~        |          |          |      |          | 165 |
| 22  |      |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          | 41  |
| 22  | r    | 10       | 3         | -        | А      |         | K          | K        | K              | G         | Q        | G        | K    | P   | G        | P          | ם        | A        | P    | G        | 41  |
|     |      |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
| 166 | GCCC | TCA      | CCA       | GGT      | GCC    | 'ACT    | 'GGA       | CCT      | GGT            | GTC       | ACG      | GAT      | GAA  | ACC | СТА      | TGC        | ୯୯୫      | САТ      | GGA  | GG       | 225 |
|     | P    |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
|     |      |          | ~         |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      | _        | -   |
|     |      |          |           |          |        |         |            |          |                |           |          |          |      | #   |          |            |          |          |      |          |     |
| 226 | AGTA | TGA      | GAG       | GAA      | CAT    | 'CGA    | GGA        | GAT      | GGT            | GGC       | CCA      | GCT      | GAG  | GAA | CAG      | CTC        | AGA      | GCT      | GGC  | CC       | 285 |
|     | Y    |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
|     |      |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
|     |      |          |           |          |        |         |            |          |                |           |          | *        |      |     |          |            | -        |          |      |          |     |
|     | AGAG |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
| 82  | R    | K        | С         | E        | V      | N       | L          | Q        | L              | W         | M        | S        | N    | K   | R        | S          | L        | s        | P    | W        | 101 |
|     |      |          |           |          |        |         |            |          | _              |           |          |          |      |     |          |            |          |          |      |          |     |
| 246 | ~~~  | ~==      |           |          |        |         |            | CD-      |                |           |          |          | •    |     |          |            |          |          |      | D-II     |     |
| 100 | GGGG | CTA      | CAG       | CAL      | CAA    | CCA     | .CGA       | .CCC     | CAG            | CCG       | TAT      | cca      | CGT  | GGA | CCT      | GCC        | GGA      | GGC.     | ACG( | GT<br>-  | 405 |
| 102 | G    | ¥        | 5         | ╧        | IN     | н       | ַע         | Р        |                | R         |          | <u>-</u> | V    | ט   | ь        | Р          | E        | A        | R    | Ē        | 121 |
|     |      | _        |           | _        |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
| 400 | ~~~  |          | D-I       |          |        |         |            |          |                | *         |          |          |      |     |          |            | •        |          |      | •        |     |
|     | GCCT |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
| 122 |      | <u> </u> | -با       | <u> </u> | =      | V       | N          | Р        | F.             | T         | M        | Q        | E    | D   | R        | S          | М        | V        | S    | V        | 141 |
|     |      |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
| 466 |      | ~~-      |           |          |        |         | ·          | -        | D-I            |           |          |          |      |     |          |            | •        |          |      | •        |     |
|     | TGCC |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
| 142 | P    | V        | F.        | S        | Q      | <u></u> | Р          | <u> </u> | R              | R         | R        | 블        | С    | Р   | Р        | Р          | Р        | R        | Т    | G        | 161 |
|     |      |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
|     |      |          | ٠         |          |        |         | •          |          |                | •         |          |          |      | CD  |          |            |          |          |      | •        |     |
| 526 | GGCC | TTG      | CCG       | CCA      | GCG    | CCC     | AGT        | CAT      | GGA            | GAC       | CAT      | CGC      | IGI  | GGG | CTG      | CAC        | CTG      | CAT      | CTT  |          |     |
| 162 | P    | С        | R         | Q        | R      | А       | V          | М        | E              | т         | <u> </u> | A        | V    | G   | <u>C</u> | T          | <u>c</u> | <u>≖</u> | F    | *        | 180 |
|     |      |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
|     |      |          | •         |          |        |         | •          |          |                | •         |          |          |      |     |          |            |          |          |      | •        |     |
| 586 | GAAT | TAC      | CTG       | GCC      | CAG    | AAG     | CCA        | GGC      | CAG            | CAG       | CCC      | GAG      | ACC  | ATC | CTC      | CTT        | GCA(     | CCT      | ľľG' | ľG       | 645 |
|     |      |          |           |          |        |         |            |          |                |           |          |          |      |     |          |            |          |          |      |          |     |
| CAC | 0033 | ~        |           | ~~       | 3 mc   |         |            |          | ~-~            |           |          |          |      |     |          |            |          |          |      |          |     |
| 040 | CCAA | JAA      | HGG       | LCT.     | AIG    | AAA     | AGT:       | AAA      | CAC            | 1GA(      | .11      | riG      | AAA( | نAت | AAA      | AAA        | AAA      | AAA      | AAA  | A.A.     | 705 |

## Figure 2

IL20.aa x IL17.aa

| 1   | ${\tt MDWPHNLLFLLTISIFLGLGQPRSPKSKRKGQGRPGPLAPGPHQVPLD}$ | 48  |
|-----|----------------------------------------------------------|-----|
| 5   | :  .: ::  :   .  ::: KTSLVSLLLLLSLEAIVKAGITIPRNPGCPNSED  | 20  |
| ,   | RISDVSDDDDSDEATVRAGITIPRNPGCPNSED                        | 38  |
| 49  | LVSRMKPYARMEEYERNIEEMVAQLRNSSELAQRKCEVNLQLWMSNKRSL       | 98  |
| 20  | <u> </u>                                                 |     |
| 39  | KNFPRTVMVNLNIHNRNTNTNPKRSSDYYNRST                        | 71  |
| 00  |                                                          |     |
| 99  | SPWGYSINHDPSRIPVDLPEARCLCLGCVNPFTMQEDRSMVSVPVFSQVP       | 148 |
|     |                                                          |     |
| 72  | SPWNLHRNEDPERYPSVIWEAKCRHLGCINA.DGNVDYHMNSVPIQQEIL       | 120 |
|     |                                                          |     |
| 149 | VRRRLCPPPPRTGPCRQRAVMETIAVGCTCI 179                      |     |
|     |                                                          |     |
| 121 | VLRREPPHCPNSFRLEKILVSVGCTCV 147                          |     |

Figure 3

